

COMPLETE LISTING OF CLAIMS IN ASCENDING ORDER
WITH STATUS INDICATOR

1. (Previously Presented) An electrostatic device configured and disposed to electrostatically charge and dispense a liquid composition from a supply to a point of dispense, wherein the device comprises:

an actuator;

a high voltage generator to provide a high voltage;

a power source to activate said actuator and said high voltage generator;

a reservoir to contain the supply of said liquid composition; and

a dispensing unit comprising:

a means for supplying the liquid composition from the reservoir, said supplying means being mechanically connected to said actuator to be driven thereby;

an emitter electrode to electrostatically charge the liquid composition, the emitter electrode being electrically connected to said high voltage generator; and

a nozzle to dispense the liquid composition, said nozzle being disposed at the point of dispense;

wherein the device further comprises a field electrode being connected to the high voltage generator for providing the entire liquid composition with more or less a common electric potential; and

wherein the reservoir is configured to provide a removable cartridge, said reservoir at least partially being made of deformable material; and

wherein said device includes a housing carrying said actuator, said high voltage generator, and said power source,

said housing being formed with a concavity for detachably receiving said reservoir,

said housing incorporating an electric motor which drives said actuator for operating said supplying means, and

said reservoir being shaped to have a planar configuration of a general segment of circle defined between a chord and a circumference of an approximate circle which is greater than a circumference of a semicircle,

said mouth being disposed at a center of said chord.

2. (Original) The device as set forth in claim 1, wherein

said supplying means is a suction pump having a drive element which is driven by said actuator to suck up said liquid composition from said reservoir and forces it out of said nozzle.

3. (Previously Presented) The device as set forth in claim 1, wherein

said housing further incorporates therein a frame which mounts said motor as well as said high voltage generator,

said frame dividing the interior space of said housing into a front compartment and a rear compartment, said front compartment accommodating said motor and said high voltage generator, and said rear compartment defining said concavity for receiving said reservoir.

4. (Original) The device as set forth in claim 1, wherein

said reservoir is coupled to said dispensing unit and is cooperative therewith to define said cartridge,

said housing comprising a positioning means with which said cartridge detachably engages for resting said reservoir in said concavity,

wherein when said cartridge is engaged with said housing, the actuator is detachably engaged with a mechanism to activate said supplying means, and a voltage terminal is detachably in contact with said emitter electrode to apply said high voltage to said emitter electrode.

5. (Original) The device as set forth in claim 4, wherein

said positioning means is a mount formed at the upper end of said housing on which said dispensing unit rests.

6. (Original) The device as set forth in claim 5, wherein
said voltage terminal is located below an opening which is formed in the mount to permit
the lower end of said emitter electrode to project through the opening for contact with said voltage
terminal when said dispensing unit rests on said mount.

7. (Original) The device as set forth in claim 3, wherein
said housing has a vertical axis that defines an upper end and a lower end along said
vertical axis, and
said high voltage generator comprising a transformer which is arranged in stack with
said motor along said vertical axis within said front compartment.

8. (Original) The device as set forth in claim 7, wherein
said front compartment accommodates a battery energizing the motor, said battery being
arranged in a side-by-side relation with said motor in a direction perpendicular to said vertical axis
and arranged in stack with said transformer along said vertical axis.

9. (Original) The device as set forth in claim 4, wherein
an inner cover is provided to be detachably placed over a top portion of said housing,
said inner cover having an opening through which said nozzle extends and defining
around said opening a retainer which is placed against a portion of said dispensing unit to hold it in
position on said mount.

10. (Original) The device as set forth in claim 9, wherein
said housing is provided with a positioning means for engagement with said inner cover
to retain it on the housing.

11. (Original) The device as set forth in claim 9, wherein
said housing includes a front shell and a rear shell, in addition to said frame,
said frame carrying said motor, said transformer, and a battery energizing said motor,

said front shell being fitted over said frame to define therebetween said front compartment,

said rear shell being fitted on said frame to define therebetween said rear compartment,

said front shell being formed with a battery opening through which said battery is placed on said frame,

said inner cover shielding said battery opening when attached to said housing.

12. (Original) The device as set forth in claim 11, wherein

said housing is provided with a button for releasing said inner cover therefrom and with a switch knob for actuating said pump,

an outer cover being provided to fit over said inner cover for concealing therebehind said dispensing unit, said button, and said switch knob.

13. (Previously Presented) The device as set forth in claim 1, wherein

said field electrode is fixed in said housing around said concavity to surround said reservoir placed into said concavity.